OLUWADAMILOLA ALUKO

DATA ANALYST

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🖥 https://github.com/damzking?tab=repositories

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EDUCATION

SRH University 2019 - 2022
M.Sc.Renewable Energy and International Business
GPA : 2.5

Bells University 2012 - 2017
Bsc.Electrical and Electronics Engineering
(Second class Upper division)

Drone Specific Category EASA
Category A2 (Ireland) 05/2023
Category A3 (Ireland) 03/2023

EXPERTISE

- Python
- SQL
- Power BI
- Matlab
- SPSS
- Tableau
- Google Cloud
- Project Management
- Machine Learning
- Communication Skills

LANGUAGES

- English
- Yoruba
- German - B1 Studying

PROFILE

With four years of seasoned experience, I excel in interpreting data, employing statistical methods, and utilizing programming skills to drive actionable insights. Proficient in SQL, Python, and data visualization, I'm dedicated to transforming complex data into strategic solutions for informed decision-making and business success.

WORK EXPERIENCE

Azubi - AFRICA   **2023 - Present**
Technical Data Analyst/Researcher
- Develop and Validate predictive models for Long term and short term energy consumption forecasting .
- Created visualizations and reports to present data insights using tools like Tableau, Power BI, or data visualization libraries in programming languages
- Perform time series analysis to identify trends, seasonal patterns, and anomalies in energy consumption data.

Greenspec Agrotech   **2023- Present**
Data Analyst / Thermographer
- Achieved a 20% improvement in data accuracy through the use of advanced drone software and sensors.
- Apply machine learning models like XGBoost, Random Forest, and neural networks to enhance predictive accuracy
- Evaluate model performance using metrics like AIC, BIC, MSE, and RMSE to ensure accuracy and reliability.

2022

Brainnest Consulting Group,Bremen,Germany
Junior Data Analyst (4Months)
- Achieved a 25% reduction in query response time through optimized database design and indexing in SQL
- Improved ETL pipeline performance by 40% resulting in faster data processing and quicker access to information
- Enhanced resource allocation strategies by 20% through predictive modelling and optimizing resource utilization based on data outcomes

2021

Hochschule Zittau Electrical Engineering Department,Germany
Technical Data Analyst / Researcher (7Months)

- Implement model selection and optimization techniques to improve forecasting outcomes
- Achieved improvement in conversion rates through successful A/B testing.
- Use statistical techniques such as ARIMA, SARIMA, and exponential smoothing for forecasting

Federal Polytechnic Ilaro ,Electrical Engineering department   2019

Technical Data Analyst (11 Months)

- Achieved improvement in identifying and reporting critical bugs early in the development cycle.
- Enabled real-time monitoring and decision-making through automation, resulting in a 40% increase in the availability of timely insights for internal processes.
- Optimized internal processes through automated data collection and tracking, leading to improved operational efficiency

Galaxy Backbone, Technical Service Department, Abuja, Nigeria   2018

Technical Data Analyst / Researcher (12 Months)

- Improved data comprehension and decision-making through effective data visualization using Python and Power BI.
- Achieved a reduction in migration time by streamlining the creation and migration of databases using SQL and Azure
- Optimized data processing efficiency by through the creation of streamlined data pipelines using Apache Airflow.
- Improved stakeholder understanding of data trends by 30% through intuitive dashboard design and insightful data retrieval using Power BI.

L.M. Ericsson Telecommunications Department, Ogun, Nigeria   2016-2017

Technical Data Analyst/Energy Analyst (6 Months)

- Achieved a 20% increase in accuracy in energy models through the utilization of Python for modelling and verification.
- Provided valuable insights through data profiling and analysis, contributing to an improvement in decision making processes.
- Identified and mitigated potential risks through early detection of anomalies and trends in the collected data using clustering and regression techniques

Federal Polytechnic Ilaro Electrical Department, Ogun, Nigeria   2015

Technical Data Analyst/Energy Analyst (3 Months)

- Coordinated the team in improving data quality by through effective normalization, cleaning, and migration of the database.
- Interpreted and analyzed statistical methods and tests to validate hypothesis and draw meaningful conclusions from data
- Assist in transforming and formatting the data to fit appropriate data models and databases, ensuring data is well organized and readily accessible for analysis

HIGHLIGHTS

My journey began with a strong foundation in engineering, where I honed my analytical and problem-solving skills. My academic pursuits took an interesting turn when I recognized the growing importance of data analytics in our data-driven world. I decided to leverage my engineering background by delving into courses in artificial intelligence and data analysis using R. Further-more, during my internship in Hochschule Zittau I was able to combine my engineering background with data analytics where I used Python for analyzing energy data and Tableau for Visualizing them. Recognizing that practical experience is invaluable, I took the initiative to create a portfolio of data analytics projects and also did my Master thesis using Python for solving current sensor measurement problems. These projects served as a testament to my dedication to becoming a self-skilled data analyst. From predictive modeling to exploratory data analysis, my portfolio showcased my ability to apply the concepts I had learned to real-world scenarios.

VOLUNTARY SERVICE

After I completed my bachelor's degree, I volunteered in Federal Polytechnic Ilaro to train students in using programmable circuit boards to solve electrical and embedded system tasks.